

Work Order ID 68894

Monday, April 25, 2011 10:48:30 AM



Page 1

| | | | | | | |
|----------------|-------------|------------------|--|---------------|-------|--|
| Item ID: | D3161-9 | Accept | | Setup | Start | |
| Revision ID: | | | | | | |
| Item Name: | Hinge 17.0" | | | | Stop | |
| Start Date: | 4/25/2011 | Start Qty: 12.00 | | Cust Item ID: | | |
| Required Date: | 4/25/2011 | Req'd Qty: 12.00 | | Customer: | | |
| Reference: | | | | | | |

| | | | | | | | | | | |
|------------|---------------|--|---------------|------------|--|-------|--|-----|-------|--|
| Approvals: | Process Plan: | | Date: 4-04-25 | Tooling: | | Date: | | Run | Start | |
| | QC: | | Date: | SPC (Y/N): | | Date: | | | Stop | |

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| Draw Nbr | Revision Nbr |
|----------|--------------|
| D3161 | Rev A2 |

| | | | | | | | | | |
|-----------|---|------|--|--|--|--|--|--|--|
| 100 | | 0.00 | | | | | | | |
| | Small Fab | | | | | | | | |
| Small Fab | Memo | 0.00 | | | | | | | |
| Small Fab | (1) 72" Hinge makes (4) D3161-9 parts at 17" long <input type="checkbox"/> Cut to length as per Dwg D3161 | | | | | | | | |

ES 4/04/25 (12)

| | | | | | | | | | |
|-----------------|---|------|--|--|--|--|--|--|--|
| 110 | QC5- Inspect part completeness to step on W/O | 0.00 | | | | | | | |
| | | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |

8 4/04/25 (12)

| | | | | | | | | | |
|-----------|--|------|--|--|--|--|--|--|--|
| 120 | Identify as per dwg & Stock Location: 37 | 0.00 | | | | | | | |
| | | | | | | | | | |
| Packaging | Memo | 0.00 | | | | | | | |
| Packaging | | | | | | | | | |

ES 4/11/25 (12)

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Work Order ID 68894

Page 2

Monday, April 25, 2011 10:48:30 AM

Item ID: D3161-9

Accept



Setup Start



Revision ID:

Stop



Item Name: Hinge 17.0"

Start Date: 4/25/2011 Start Qty: 12.00



Cust Item ID:

Required Date: 4/25/2011 Req'd Qty: 12.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/4/26/11

MF 11-04-25

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Picklist Print

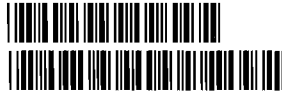
Monday, April 25, 2011 10:48:38 AM

Page 1

Work Order ID: 68894

Parent Item: D3161-9

Parent Item Name: Hinge 17.0"



Start Date: 4/25/2011

Required Date: 4/25/2011

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP ☐ A ☐ 04.08.24 ☐ New Issue ☐ KJ/JLM ☐

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

MS20257-3-7200

Purchased

No

100

f

24.4078

1.65

19.8



Piano Hinge

Location

Loc Qty

Loc Code

ST449

24.40778948

116817

24.4077895

JS 4/25

19.8

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

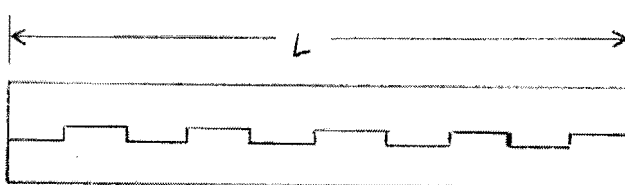
NOTE: Date & initial all entries



| | | | |
|------------------|---------------|---|------------------------|
| DESIGN # | DRAWN BY # | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED RF | APPROVED # | DRAWING NO. D3161 | REV. A SHEET 1 OF 1 |
| DATE 02.04.24 | | TITLE HINGE | SCALE NTS |
| A | 02.04.24 | NEW ISSUE | |
| A1 | 04.02.27 | ADDED D3161-5 | |
| A2 | 04.06.30 | ADD D3161-7 & D3161-9 | |

RELEASED
02.04.24 #

| P/N | LENGTH 'L' | DESCRIPTION |
|---------|------------|--|
| D3161-1 | 13.5" | HINGE (REPLACES MS20257-3-13.5 ON D2183) |
| D3161-3 | 15.0" | HINGE (REPLACES MS20257-3-15.0 ON D2950-041) |
| D3161-5 | 9.9" | HINGE |
| D3161-7 | 14.0" | HINGE |
| D3161-9 | 17.0" | HINGE |



NOTES:

- ① MAKE FROM MS20257-3-7200 HINGE

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT.
WITHOUT NOTICE
WORK ORDER
NO. 68894

1104-25

Copyright © 2002 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries